invited from industry as an import substitution activity

Scientific and Technological Patented Items

1025. SHRI KRISHNA KUMAR BIRLA; Will the PRIME MINISTER be pleased to state.-

(a) what is the estimated number of scientific and technological items patented annually all over the world and what is the percentage of share of our country;

(b) whether it is a ract 'that though India is considered to be the third biggest research community in the world, it, rates fiftieth iu produc tivity; and

(c) if so, what are the reasons therefor and what remedial mea sures have been taken/proposed to be taken by the Government to create proper atmosphere in the field of scientific research in the country and to eliminate the constraints, if any?

THE MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY AND THE MINISTER OF STATE IN THE DEPARTMENTS OF OCEAN DEVELOPMENT, ATOMIC ENERGY, ELECTRONICS AND SPACE (SHRI K. R. NARAYANAN): (a) During-1986. over 5 lakh patents were granted and over 12.5 lakh patent applications were filed in about' 90 countries in the world. The share of the patents filed and granted in India is about 0.3% and 0.4% respectively.

(b) In terms of the number of patents filed and granted 'n 1986 in a listing of about 90 countries, India ranked 35th and 30th respectively.

(c) Only a small portion °? the scientific manpower in the country is aetually engaged in the research and development activities. Government has taken several measures to support research and development activities. In the country such as enhancing the plan allocations for science and technology in the successive five year plans and providing incentives and concessions for organisations to under take research, particularly in the industries.

Posting of Husband and Wife at the Same Station

10,26. SHRI M. KADHARSHA:
SHRI KAPIL VERMA:

Will the PRIME MINISTER. be pleased to state;

(a) whether Government have issued some guidelines regarding the posting of husband and wife at the same station, if so, wbat are the de tails thereof;

(b) the number of officials belonging to the IPS/IAS cadre wh0 had applied for the change of State cadre during the last one year from one Station to another, on the ground that their spouses are employed in other Station;

(c) the number and the details of cases in which change of State cadre has been allowed so far;

(d) the number and details of the cases which are pending for consideration for a change of State cadre of the IAS/IPS from the State to another where spouse is employed in State Government; and

(e) by when the cases mentioned in Part (d) are likely to be decided and cadre changes are allowed?

THE MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS AND THE MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI P. CHIDA-